



# FAQs: Super Change™ + Super Change™ Inject

**1. What is Super Change™?**

Super Change™ is a chemical solution that allows for a fast and easy conversion from any refrigerant or oil, to any HFC refrigerant or oil including POE-based R407C and R410A.

**2. How does Super Change™ work?**

Super change™ works by creating a strong compatibility link between mineral or alkylbenzene oils and HFC refrigerants. This solubility eliminates the need to change system oil or conduct a line set flush, outside of a compressor burnout. It also improves oil return and heat transfer with HFC conversion refrigerants when used on mineral oil systems. Super Change™ also rejuvenates O-rings, elastomers, and gaskets eliminating the need to replace when switching to an HFC refrigerant in most cases.

**3. How does Super Change™ rejuvenate O-rings, elastomers, and gaskets eliminating the need to replace when switching to an HFC refrigerant in most cases?**

The chemical composition of Super Change™ reacts and absorbs into these soft components counteracting the contraction caused by the removal of the HCFC refrigerant. Components worn through normal wear and tear may need to be replaced.

**4. Can Super Change™ be used in place of a line set flush?**

Yes, unless a burnout has occurred, use DiversiTech’s Pro-Flush®. DiversiTech recommends installing Super Change™ after the flush to rejuvenate system components.

**5. Are there other added benefits to Super Change™?**

Yes, Super Change™ removes water and oxygen preventing corrosion and lubricant breakdown while restoring lubricant to its original condition. Super Change™ also boosts efficiency by reducing oil logging in systems with long line set runs and rises, extending compressor life.

**6. How many Super Change™ cans or Super Change™ Injects do I use in a system?**

SYSTEM SIZE	UP TO 3 TONS UP TO 10 kW	3.5 TONS TO 6 TONS 12 kW - 20 kW	6+ TONS 20+ kW
SYSTEM OIL CHARGE	10 oz – 32 oz 0.3 L – 0.9 L	32 oz – 64 oz 0.9 L – 1.9 L	128+ oz 3.8 L
New refrigerant + compatible oil	1 unit	1 unit	2 units/gal oil 2 units/3.8 L oil
New refrigerant + noncompatible oil	1 unit	2 units	4 units/gal oil 4 units/3.8 L oil
Existing line set only ex. Replacing condenser and/or evaporator coil and using existing line set	1 unit	1 unit	2 units/gal oil 2 units/3.8 L oil
For performance improvement ex. Treats oil logging or long line set runs and rises	1 unit	1 unit	2 units/gal oil 2 units/3.8 L oil



**7. How fast can Super Change™ be installed?**

Super Change™ in vacuum sealed can (PN# 981) with reusable hose (PN# 20122) can be installed in under 5 minutes.

Super Change™ Inject (PN# 991) can be installed in under 2 minutes.

**8. How long does Super Change™ stay in the system?**

Super Change™ is continuously active in a closed system unless opened. If the refrigerant charge is replaced, install more Super Change™.

**9. Is Super Change™ compatible with all types of refrigerants and oils?**

Yes, Super Change™ uses the systems refrigerant to inject without the use of propellants such as propane, isobutane, or hydrocarbons.

**10. Can Super Change™ be used with all HFC refrigerants and systems?**

Yes, the chemical linking properties of Super Change™ work with all HFC refrigerants. Super Change™ is best suited for residential and commercial medium and high temperature systems. Low temperature systems may also be suitable for conversion with Super Change™ but for these applications call DiversiTech technical support for additional assistance; 1-866-548-3644.

**11. When should Super Change™ be used?**

Super Change™ should be used when converting any older system to an HFC refrigerant (i.e., from R22 to 407C/R410A). If a compressor burnout occurs, use DiversiTech's Pro-Flush® first then add Super Change™ to prevent corrosion, lubricant breakdown, reduce oil logging, and to boost efficiency.

**12. What if contamination is already present in the system?**

The function of Super Change™ is not affected by system contamination as it repairs damaged oil and carries particulate to the filter and oil sump. DiversiTech recommends installing a new liquid line drier when changing refrigerants.

**13. Will Super Change™ harm the compressor or any other components in the system?**

No, Super Change™ is compatible with all metals and will not harm mechanical components. Super Change™ has properties which help restore oil to its original condition reducing internal corrosion, wear and tear while extending equipment life.

**14. How do I classify recovered refrigerant from a system containing Super Change™?**

Super Change™ does not alter the classification of recovered refrigerant. The cans are vacuum sealed, and the injectable hoses are not under pressurize. These injection designs contain no propellants such as propane or isobutane, which are deemed contaminants by EPA-certified refrigerant reclaimers.



**15. Has the chemical technology in Super Change™ ever been used before?**

Yes, the use of agents to create molecular bonds, or solvency, is well known. These agents are the fundamental basis of all refrigerants, oils, and additives used in the HVAC/R industry.

**16. How long after injection does Super Change™ begin to work?**

Super Change™ begins working immediately. Depending on the size of the system, it will take approximately 24 hours of operation for the full effect to be achieved. The system can run any time after Super Change™ is injected.

**17. Can I use Super Change™ if I suspect there is already a mixed refrigerant?**

Yes, Super Change™ product performance will not be affected by the refrigerants mixture.

**18. Can Super Change™ be used on a system with existing POE oil?**

Yes, Super Change™ will improve system performance by preventing internal corrosion, lubricant breakdown, and help restore oil to its original condition. It also boosts efficiency by reducing oil logging in systems with long line set runs and rises while extending compressor life.

**19. Should I use Super Change™ with semi hermetic units or compressors with an oil drain valve?**

These types of systems are easily changed out to the appropriate oil. Super Change™ can then be added to treat the remaining mineral or alkylbenzene oil, eliminating the need for a line set flush.

**20. Will Super Change™ work with an oil separator, receiver or accumulator?**

Yes, Super Change™ performance will not be affected by these components.